

CLAIMS:

What is claimed is:

- 1 1. A magnetic tape cartridge, comprising:
 - 2 a door on a first face of the cartridge;
 - 3 a slider on a second face of the cartridge;
 - 4 a belt within the cartridge that connects the door
 - 5 and the slider;
 - 6 wherein when the slider is moved, the door opens.
- 1 2. The cartridge of claim 1, wherein the first face and
2 the second face of the cartridge are adjacent to one
3 another.
- 1 3. The cartridge of claim 1, wherein the door opens by
2 sliding parallel to the first face.
- 1 4. The cartridge of claim 1, further comprising a belt
2 post that bends the belt at an angle.
- 1 5. The cartridge of claim 1, wherein when the cartridge
2 is inserted into a drive, a tab of the drive engages the
3 slider to thereby move the slider.
- 1 6. The cartridge of claim 1, further comprising a
2 compression spring, wherein the compression spring
3 provides force to close the door.
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1 7. A method of accessing data on a magnetic tape
2 cartridge, comprising the steps of:
3 inserting a cartridge into a drive, the cartridge
4 comprising:
5 a door positioned on a first face of the
6 cartridge;
7 a slider positioned on a second face of the
8 cartridge, the slider being connected to the door by
9 a belt;
10 engaging the slider of the cartridge with a tab of
11 the drive to thereby move the slider;
12 wherein moving the slider causes the door to open.

1 8. The method of claim 7, wherein the first face and
2 the second face of the cartridge are adjacent to one
3 another.

1 9. The method of claim 7, wherein the door opens by
2 sliding parallel to the first face.

1 10. The method of claim 7, further comprising a belt
2 post that bends the belt at an angle.

1 11. The method of claim 7, further comprising a
2 compression spring, wherein the compression spring
3 provides force to close the door.

1 12. A system for accessing data on a magnetic tape
2 cartridge, comprising:
3 a drive for receiving the magnetic tape cartridge;

4 wherein the magnetic tape cartridge comprises:
5 a door positioned on a first face of the
6 cartridge;
7 a slider positioned on a second face of the
8 cartridge, the slider being connected to the door by
9 a belt;
10 wherein when the cartridge is inserted into the
11 drive, a tab of the drive moves the slider to thereby
12 open the door.

1 13. The system of claim 12, wherein the first face and
2 the second face of the cartridge are adjacent to one
3 another.

1 14. The system of claim 12, wherein the door opens by
2 sliding parallel to the first face.

1 15. The system of claim 12, further comprising a belt
2 post that bends the belt at an angle.

1 16. The system of claim 12, further comprising a
2 compression spring, wherein the compression spring
3 provides force to close the door.

1 17. The system of claim 12, wherein the motion of
2 inserting the cartridge into the drive opens the door.